

1. Are waste piles Resource Conservation and Recovery Act (RCRA) hazardous or nonhazardous and have contaminants leached from the waste into the underlying soil layer?
 - a. Delineate and characterize waste piles and underlying soil to determine whether COPCs present unacceptable human health/ecological risk requiring the evaluation of options and technologies to support future actions (e.g., removal, remediation, exposure restriction, migration mitigation or in-place containment); otherwise, consider no further action.
2. Are ROST LIF data adequate for use in characterizing the nature and extent of contamination in surface and subsurface soil?
 - a. Determine if ROST LIF data are adequate to characterize the nature and extent of contamination in surface and subsurface soil and use that information to continue delineation of contamination and soil sampling; otherwise, use alternative technologies and methodologies to delineate and characterize subsurface contamination sources.
3. What is the nature of contamination in soil within specific source areas and what is the extent of contamination?
 - a. Characterize and delineate contamination in surface and subsurface soil to determine whether COPCs present unacceptable human health/ecological risk requiring the evaluation of options and technologies to support future actions (e.g., removal, remediation, exposure restriction, migration mitigation or in-place containment); otherwise, consider no further action.
4. What is the nature of contamination in surface water and sediment and what is the extent?
 - a. Characterize and delineate contamination in surface water and sediment to determine whether COPCs present unacceptable human health/ecological risk requiring the evaluation of options and technologies to support future actions (e.g., removal, remediation, exposure restriction, migration mitigation or in-place containment); otherwise, consider no further action.
5. ? Is there a ground water aquifer at the site, and if present what is the classification and what is the nature and extent of contamination?
 - a. Confirm the presence or absence of ground water contamination to determine how and what future actions (e.g., investigation, delineation, characterization) are necessary to characterize the ground water; otherwise, consider no further action.
 - b. Characterize and delineate contamination in ground water to determine whether COPCs present unacceptable human health/ecological risk requiring the evaluation of options and technologies to support future actions (e.g., removal, remediation, exposure restriction, migration mitigation or in-place containment); otherwise, consider no further action.
 - c. Confirm the presence or absence of ground water contamination discharge to the surface water to determine how and what future actions (e.g., investigation, delineation, characterization) are necessary to characterize this interaction; otherwise, consider no further action.
 - d. Characterize and delineate ground water discharge to surface water to determine whether COPCs present unacceptable human health/ecological risk requiring the evaluation of options and technologies to support future actions (e.g., removal, remediation, exposure restriction, migration mitigation or in-place containment); otherwise, consider no further action.
6. Is vapor intrusion an issue at select properties?
 - a. Characterize and delineate the vapor intrusion pathway to determine whether COPCs present unacceptable human health/ecological risk requiring the evaluation of options and

- technologies to support future actions (e.g., removal, remediation, exposure restriction, migration mitigation or in-place containment); otherwise, consider no further action.
7. What are the migration pathways for transport of these contaminants in different media?
 - a. Characterize and delineate the migration pathways to determine whether COPCs present unacceptable human health/ecological risk requiring the evaluation of options and technologies to support future actions (e.g., removal, remediation, exposure restriction, migration mitigation or in-place containment); otherwise, consider no further action.
 - b. Confirm the presence or absence of a continuous refusal layer at depth to determine whether future actions (e.g., investigation, delineation, characterization) are necessary; otherwise, consider no further action.
 - c. Characterize and delineate the refusal layer to determine whether it provides a barrier to downward contaminant migration and whether future actions (e.g., investigation, delineation, characterization) are necessary; otherwise, consider no further action.
 8. Are asbestos and/or NORM/TENORM present at the site?
 - a. Confirm the presence or absence of asbestos and/or NORM/TENORM to determine whether future actions (e.g., removal, remediation, exposure restriction, migration mitigation or in-place containment) are necessary; otherwise, consider no further action.
 9. Are wetlands present at the site?
 - a. Confirm the presence or absence of wetlands to determine how and what future actions (e.g., investigation, delineation, characterization) can be taken; otherwise, consider no further action.
 - b. Characterize and delineate contamination in wetlands to determine whether COPCs present unacceptable human health/ecological risk requiring the evaluation of options and technologies to support future actions (e.g., removal, remediation, exposure restriction, migration mitigation or in-place containment); otherwise, consider no further action.
 10. Is there a risk to human health or the environment from contamination at the site?
 - a. Characterize and delineate human health or the environment to determine whether COPCs present unacceptable human health/ecological risk requiring the evaluation of options and technologies to support future actions (e.g., removal, remediation, exposure restriction, migration mitigation or in-place containment); otherwise, consider no further action.
 11. Is there LNAPL present and what is the extent and volume?
 - a. Confirm the presence or absence of LNAPL to determine whether future actions (e.g., removal, remediation, exposure restriction, migration mitigation or in-place containment) are necessary; otherwise, consider no further action.
 - b. Characterize and delineate the LNAPL to determine whether COPCs present unacceptable human health/ecological risk requiring the evaluation of options and technologies to support future actions (e.g., removal, remediation, exposure restriction, migration mitigation or in-place containment); otherwise, consider no further action.
 12. What is the extent and volume of contaminated medium in the Additives area?
 - a. Characterize and delineate the Additives Area to determine whether COPCs present unacceptable human health/ecological risk requiring the evaluation of options and technologies to support future actions (e.g., removal, remediation, exposure restriction, migration mitigation or in-place containment); otherwise, consider no further action.